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6030765.pn.	1

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L32

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<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L30</u>	113 and (binder) near3 layer near3 adjacent	98	<u>L30</u>
<u>L29</u>	113 and (binder or hydrophilic) near3 layer near3 adjacent	160	<u>L29</u>
<u>L28</u>	113 and (binder or hydrophilic or polymer) near3 layer near3 adjacent	173	<u>L28</u>
<u>L27</u>	113 and (binder or hydrophilic or polymer) near5 layer near5 adjacent	218	<u>L27</u>
<u>L26</u>	113 and layer near5 adjacent same binder same hydrophilic	76	<u>L26</u>
<u>L25</u>	113 and layer near5 adjacent same binder	231	<u>L25</u>
<u>L24</u>	113 and layer near5 adjacent	793	<u>L24</u>
<u>L23</u>	122 and 121	1	<u>L23</u>

<u>L22</u>	('5863859')[ABPN1,NRPN,PN,WKU]	2	<u>L22</u>
<u>L21</u>	l13 and hydrophilic near5 binder near5 adjacent	11	<u>L21</u>
<u>L20</u>	l13 and binder same adjacent same carboxylic	5	<u>L20</u>
<u>L19</u>	L18 and binder near5 carboxylic	1	<u>L19</u>
<u>L18</u>	l13 and binder near5 adjacent	131	<u>L18</u>
<i>DB=USPT; PLUR=YES; OP=ADJ</i>			
<u>L17</u>	l10 and adjacent near5 binder	1	<u>L17</u>
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
<u>L16</u>	l15 and adjacent	2	<u>L16</u>
('JP411265062A' 'EP000978375A2' 'EP000931647A1'			
<u>L15</u>	'EP000978376A2' 'JP02000206695A' 'DE 19834745A')[ABPN1,NRPN,PN,WKU]	6	<u>L15</u>
<u>L14</u>	L13 and anionic near5 cyanine near5 dye	11	<u>L14</u>
<u>L13</u>	agfa\$.as.	15975	<u>L13</u>
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<u>L12</u>	L10 and anionic near5 cyanine near5 dye	1	<u>L12</u>
<u>L11</u>	L10 and cyanine near5 dye	38	<u>L11</u>
<u>L10</u>	l9 and agfa\$.as.	110	<u>L10</u>
((101/453 101/454 101/455 101/456 101/457 101/458 101/459 101/460 101/461 101/462 101/463.1 101/464 101/465 101/466 101/467)!.CCLS.)			
<u>L9</u>		2281	<u>L9</u>
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<u>L7</u>	L1 and second	1	<u>L7</u>
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<u>L1</u>	20030136284.pn.	1	<u>L1</u>

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L23: Entry 1 of 1

File: USPT

Jan 26, 1999

DOCUMENT-IDENTIFIER: US 5863859 A

TITLE: Heat-sensitive material suited for use in direct thermal recording

US Patent No. (1):5863859Assignee Name (1):Agfa-Gevaert N.V.Detailed Description Text (61):

From the obtained sensitometric results it may be concluded that by coating from an aqueous medium a proper combination of hydrophilic binding agent (gelatin) and reducing agent in a hydrophilic binder layer adjacent to the imaging layer a soft gradation together with a high optical density can be obtained, whereas by coating from a non-aqueous medium a hydrophobic binding agent (PC3) and the same reducing agent in a hydrophobic layer adjacent to the imaging layer an undesirably hard gradation is obtained.

Detailed Description Text (80):

The slope of the linear part (between toe and shoulder) of sensitometric curves B2, C2 and D2 corresponding with the invention materials B2, C2 and D2 respectively is much less steep than the slope of curve A2. From the obtained sensitometric results it may be concluded that by coating from an aqueous medium a proper combination of hydrophilic binding agent (gelatin) and reducing agent in a hydrophilic binder layer adjacent to the imaging layer a soft gradation together with a high optical density can be obtained.

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